

Step 6 Placing the non- return valve

It is important to install a non-return valve on the pressure side of the pump.

In a situation where the slurry tank is evacuated and the liquid ring pump stops rotation, the non-return valve will prevent the vacuum from the slurry tank to empty the water tank.

Pos	Description
1	Liquid ring pump
2	Non-return valve
3	4-Way valve
4	Vacuum control valve
5	Stop valve
6	Fan cooler
7	Water separator & water tank
8	Primary shut off

